

XML and SOA Support – Resource Addition

Summary

GSA IT requires a resource to perform analysis, development, testing, and production support for the ACA project. This involves support across the database, midrange server and JBoss ESB platform layers for the environment. This resource may be expected to support Web Services and program code outside of the specific duties of the ACA Project as it pertains to the ability to familiarize and support the entire ESB related environment on which development is performed.

Statement of Need Details

- Perform development on various technologies:
 - JEE
 - ESB/SOA
 - Web Services/SOAP/WSDL
 - Oracle database, PL/SQL stored procedures
 - XML/XSD
- Follow established software standards and re-use existing platform, frameworks, tools, and processes.
- Analyze requirements, schemas, and other instructions provided for the project.
- Perform documentation of technical requirements and design.
- Perform software testing.
- Perform production troubleshooting and support.
- Spend time reviewing and supporting existing ESB projects to gain familiarity with environment, common components, and development standards. Examples include:
 - Common Integration Services
 - Web services in support of Child Care Subsidy application.
 - Web services developed for EASi project.

Logistical Assumptions

- Resource will have Minimum Background Investigation (MBI) or equivalent due to the data being Payroll related. MBI may not be required for initial access, but may be required while on duty post-onboarding.
- Workload will be 16-20 hours per week over a 9-12 month period, approximately half FTE equivalent
 - We would allow ample notice when there is a known significant increase (or decrease) for a particular week or weeks of surge
- The workload may shift with more or less hours needed depending on project requirements.
- Work may involve one or two trips to Kansas City over the course of the project.
 - Those costs should be included in the overall total.
 - This is not critical but is preferred
- Throughout the duration of the project we may require the resource to assist in other areas of the platform which our team supports. This will serve to further expose and help familiarize the candidate within the platform the project is being developed in.